

ABSTRACT OF THE DISCLOSURE

A system for allocating bandwidth resources among various mobile stations which are wirelessly connected to a base station. The length of the data queue in each mobile station is determined and information regarding that length is placed in a field in the outgoing data packet. When it is received in the base station, this field is decoded and the queue length information used to allocate bandwidth resources among the mobile station connections. This allows a very quick response to data queue lengths and accordingly better service.

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